

Surya Chandra K.G.S.

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Career

A recent Cloud Engineer with an extensive experience on implementing and building pipelines for a logistical company, and a college graduate with a Master's (M.S) degree in Computer Science from the University of Illinois. Aiming to leverage acquired academic knowledge and previous work experience with solid analytical and critical thinking skills to successfully transition into an engineer role at your company. As a cloud engineer that was responsible for building the whole ground-up architecture, and responsible for supporting the project responsible for a brand new on-premise app for their end-users. Having a strong work ethic and being adaptable by my peers, I can be relied upon to help your company achieve its goals.

MASTER'S IN SCIENCE (M.S) | DEC' 2018 | UNIVERSITY OF ILLINOIS AT SPRINGFIELD, IL

- Major: Computer Science
- Related coursework: Database Management, Cloud Computing, Data Warehousing.
- GPA : 3.8

Work Experience:

CLOUD ENGINEER | COYOTE LOGISTICS, IL | DEC 2018 - JUNE 2021

- Analyze network data to determine network usage, disk space availability, or server function using AWS services such as CloudWatch, Elastic Beanstalk, CloudFormation and CloudTrail.
- Configuring and defining parameters for installation or testing of local area network (LAN), wide area network (WAN), hubs, routers, switches, controllers, multiplexers, or related networking equipment.
- Maintaining the Installation and configuration wireless networking equipment using AWS Route 53 and API gateway.
- Performing routine maintenance or testing for standard errors in networking components or equipment through AWS APP Mesh.
- Provisioning software developers with applicable developer tools to make SDLC easier through the use of CodeCommit, CodeArtifact, CodeBuild and CodeDeploy.
- Configuring and maintaining the balance through the setting of proper thresholds for appropriate auto-scaling of the resources in case of a demand surge.
- Test computer software or hardware, using the provided test cases, and setting up auto-diagnostic testing equipment and procedures.
- Also responsible for setting up a basic up-and-running service dashboard that can run the cost benefit analysis of future workloads using AWS Cost Explorer and AWS Budgets.
- Responsible for building a serverless application repository that enabled teams and individual developers to quickly find, deploy and publish serverless applications for middleware API's.

Technical Skills:

Cloud Environments	Amazon Web Services (AWS), Azure
Configuration Management Tools	Chef, Puppet, Ansible
Containerization Tools	Docker, Docker Swarm
Virtualization	VMWare ESX, Windows Hyper-V, Virtual Box, Vagrant
Operating Systems	Unix, Linux, Ubuntu, DebianOS, Windows
Automation Tools	Jenkins, CloudFormation
Web Servers	Apache HTTP (2.x/3.x), Nginx, Apache Tomcat
Database	AWS RDS, Aurora, DynamoDB, MySQL
Scripting Languages	Python, Bash Shell, Power Shell, JSON, YAML, XML
Networking	TCP/IP, HTTP/HTTPS, DNS, SMTP, working knowledge of Load Balancers and Network Switches
Version Control Tools	GIT, BitBucket
Monitoring Tools	AWS CloudWatch, CloudTrail, CloudFormation

Skills:

- AWS product knowledge and understanding the product's features.
- Experience of working with enterprise IT and implementing hybrid cloud solutions.
- Implementing and operating the AWS cloud platform.
- Project experience implementing AWS services.
- Experience in creating cloud cost models and running cloud readiness assessments.
- Hands on experience building solutions from AWS components using cloud formation with Redshift.
- Experience with EC2, VPC, Route53, ELB, S3, Redshift, supporting networking and management/monitoring services.